

## RAILWAY SECRETARIAT.

*Notification No. R. S. 1168 dated the 16th December 1931.*

Under Section 31 of the Mysore Railway Regulation No. IV of 1894, the Government of His Highness the Maharaja of Mysore sanction the adoption, on the Railways over which the Mysore Government have jurisdiction, of the following further amendments to the General Rules for working Open Lines of Railway, published with their Notification No. R. S. 2010, dated 25th January 1930 and direct that the said amendments shall come into force with effect from 1st February 1932.

By order,  
A. A. KHAN,  
Secretary for Railways,  
Government of Mysore.

I.—In part I of the said rules—

(1) In rule 8, in clause (i) of sub-rule (b) for the word "arms" the word "arm" shall be substituted.

(2) For rule 94 the following rule shall be substituted, namely :—

"94. TIME OF ATTENDANCE OF GUARD AT STATION.—Every Guard shall be in attendance at the station from which his train is to start at such time as may be ordered by the authorised officer."

(3) In rule 143, for clause (1) of sub-rule (b) the following clause shall be substituted, namely :

"(1) When a train has stopped at a station and until it starts from that station,"

(4) In rule 229, in sub-rule (b) for the words "shall be locked" the words "shall, subject to approved special instructions, be locked" shall be substituted.

(5) To rule 348 the following sub-rule shall be added, namely :—

"(C) (i) Electric token or block instruments shall not be brought into use in the first instance at any station until they have been passed by the Government Inspector as being suitable and so installed as to secure the safe working of trains.

(ii) The person in charge of the maintenance of electric token or block instruments shall not, without the approval of the Government Inspector, permit the substitution, for the instruments and installation brought into use in the first instance, of any instruments or installation which do or does not satisfy the conditions prescribed in sub-clause (i)."

(6) To rule 362 the following proviso shall be added, namely :—

“Provided that, where the distance between two stations or block cabins on a single line is short, and the signals governing the admission of trains into the block section are controlled by track circuits in such a manner that security equal to the provision of token instruments is obtained, the carrying by the Driver of an authority to proceed may, under approved special instructions, be dispensed with.”

II.—In part III of the said rules :—

- (1) In rule 23 after the word “Factories” the words “or the Air Officer Commanding, Royal Air Force in India” shall be inserted.
- (2) For the Schedule the following Schedule shall be substituted, namely :—

# THE SCHEDULE—DANGEROUS GOODS.

(See Rules 6, 7, 8, 9, 13, 23, and 26.)

Sl. No.	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office, are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods	Supplementary packing transport, loading and unloading regulations	Conditions under which and amount which may be carried
	General packing regulations		By Goods train
1	2	4	By Mixed or Passenger train
<p><b>I.—INFLAMMABLE LIQUIDS.</b></p> <p><b>GROUP A.</b></p> <p><i>Liquids, the vapours of which have flashing points below 76° Fahr. (subject to the proviso in section 2 (b) of the Indian Petroleum Act of 1899).</i></p>	3		5
<p>Amyl alcohol</p> <p>Bisulphide of carbon</p> <p>Collodion</p> <p>Ether</p>	<p>(A) Packed in stoneware jars or glass-stoppered bottles standing upright in wooden cases filled with charcoal or saw-dust mixed with coal-dust, wood-sashes, chalk or sand. A 5 per cent vapour (or air) space to be left in each jar or bottle.</p> <p>Amount limited to one jar or bottle per case.</p>	<p>The words "highly inflammable" must be distinctly marked on each package by the sender.</p>	<p>No restriction as to quantity.</p> <p>By mixed train, no restriction as to quantity but only carried when no goods trains are running. Not carried by passenger train.</p>
<p>Ether Butyric (Ethyl butyrate).</p> <p>Ether Formic (Ethyl formate).</p> <p>Ether (Sulphuric)</p> <p>Ethyl (Acetic Ether)</p> <p>Fusel oil</p> <p>Petroleum ether (gasolene)</p>	<p>(B) Packed in strong metal cans or drums provided with screw-stoppers and caps soldered on. A 5 per cent vapour (or air) space to be left in each drum.</p> <p>Amount limited to 2 gallons per can and 75 gallons per drum.</p>		<p>NOTE.—These goods may also be carried in steel cylinders under the regulations contained in columns 3, 4 and 5 of serial No. 55, in the rear brake-van of mixed or passenger trains subject to a limit of 2 cylinders per van.</p>

**SCHEDULE—contd.**

Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office, are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods	Supplementary packing, transport, loading and unloading regulations	Conditions under which and amount which may be carried
1	2	3	4	By Goods train By Mixed or Passenger train
1	<p><b>I—INFLAMMABLE LIQUIDS—contd.</b> Group A—contd.</p> <p>Ethyl chloride</p> <p>Absolute alcohol</p> <p>Acetone</p> <p>Butyl alcohol</p> <p>C. P. Methanol</p> <p>French Polishing</p> <p>Industrial alcohol denatured</p> <p>Includes— Denatured, mhowa spirit.</p>	<p>General packing regulations</p> <p>Packed in strong metal drums and provided with screw-stoppers and caps soldered on. A 5 per cent vapour (or air) space to be left in each drum.</p> <p>Amount limited to 4 gallons in each drum.</p> <p>(A) Packed in stoneware jars or glass-stoppered bottles standing upright in wooden cases filled with chaff or saw-dust mixed with coal dust, wood ashes, chalk or sand. A 5 per cent vapour (or air) space to be left in each jar or bottle. Amount limited to one jar or bottle per case.</p> <p>(B) Packed in strong metal cans or drums. A 5 per cent vapour (or air) space to be left in each can or drum. Amounts limited to 2 gallons in each can and 150 gallons in each drum.</p> <p>(i) The cans or drums containing the goods must be made of gas-tight tinned or galvanized sheet iron or steel plate and</p>		
2				
3				

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Sl. No.	Description of dangerous goods	General packing regulations	Supplementary packing, transport, loading and unloading regulations	Conditions under which and amount which may be carried
1	2	3	4	5
				By Goods train
				By Mixed or Passenger train
				6



Conditions under which and amount which may be carried

Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office, are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods.	General packing regulations	Supplementary packing, transport, loading and unloading regulations	By Goods train	By Mixed or Passenger train
1.	6	I.—INFLAMMABLE LIQUIDS—contd. Group A—contd.		4	5	6
	<p>Petroleum and other hydrocarbon oils, dangerous, having a flashing point below 76° Fahr., N.O.C.</p> <p>Includes—</p> <p>Aviation spirit</p> <p>Benzene</p> <p>Benzine (Petrol)</p> <p>Benzol</p> <p>Benzole</p> <p>Benzoline</p> <p>Motor car spirit</p> <p>Motor spirit</p> <p>Petrol (Benzene)</p> <p>Powerine</p> <p>Lower alcohols</p> <p>Lower alcohol mixtures</p> <p>Rectified spirit (50° over proof and above)</p> <p>Solvent Naphtha</p>			<p>Tanks of motor cars and motor cycles, when tendered for carriage should be examined to see that they are empty, thoroughly clean and free from vapour.</p> <p>The chief danger to be apprehended is from leakage, as the vapour of these goods is heavier than air and is inflammable. The vapour is also explosive when mixed with certain proportions of air in a confined space.</p> <p>Wagons containing these inflammable liquids should not be placed next to the engine or rear brake-van but should be separated therefrom by at least three wagons not loaded with explosives or other traffic of an inflammable nature.</p>	<p>of small consignments loaded with other commodities.</p>	<p>Other commodities including dangerous goods (not explosives for any of the substances mentioned against Serial Nos. 19, 21, 22, 25 and 26) may be loaded in the same vehicle with these liquids, provided that they are well separated from them.</p> <p>These liquids may be carried by brake-van of mixed or passenger train, in cans or drums up to a limit of twelve gallons in one train. The cans or drums must be carried in the rear brake-van which should be well ventilated.</p>
		<p>(iii) The cans or drums must be so substantially constructed and secured as not to be liable except under circumstances of gross negligence or extraordinary accident to be broken or become defective, leaky or insecure in transit. A certificate must be entered on the consignment note by consignor to the effect that an air space of at least one-twentieth of its capacity was left in each can or drum at time of filling.</p> <p>(iv) To prevent damage to cans and drums during transit, grass, hay, coil rope, bogie, sand bags or other suitable matting may, if necessary, be placed on the floor and between each layer of cans or drums and, also, be used to fill up empty spaces between the walls of the vehicle and its contents. Special care should, however, be taken that the packing so used, does not protrude through any doors or openings in the vehicle.</p>				

SCHEDULE—contd.

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1	2	3	4	5
	General packing regulations		By goods train	By mixed or passenger train
I.—INFLAMMABLE LIQUIDS—contd.				
Group A—contd.				
<i>Spirits, wines and cordials, Country.</i>				
(below 50° over proof) <i>Includes—</i>				
Arrack (a)				
Liquor				
Mowra spirit				
Toddy				
Spirit varnish &				
Toluol				
Wood Naphtha or wood spirit. Xylol				They must be placed as far as possible from other packages in the brake-van and from the rear tail light of the train.

Petrol conveyed in tank wagons of an approved design may be conveyed by mixed trains on the Khyber Railway with three wagons not containing explosives or other inflammable goods placed between the engine and the tank wagon.

The words "*highly inflammable*" must be distinctly marked on each package by the sender.

Cans or drums in a damaged condition must not be accepted. Empty cans or drums

(C) (1) In tank wagons of a design approved by the Railway Board and which must be in good condition and free from leakage when used for conveyance.

(2) Tank wagons must have a label attached, printed in conspicuous characters bearing the words "*highly inflammable*" and stating the precise nature and name of the contents, and the names and addresses of sender and consignee. Tank wagons must in no case be loaded beyond their weight carrying capacity.

(3) Filling and emptying of tank wagons must be performed in day light.

(4) Tank wagons must not be filled or emptied within 10 yards of a flame or furnace nor at any place where the wagon is exposed to sparks.

(5) In filling any tank wagon an air space must be left of not less than 5 per cent

Conditions under which and amount which may be carried

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1	2	3	4	5	6
	General packing regulations				
4	L.-INFLAMMABLE LIQUIDS. Group A—contd.	(C) The lid and all inlets and outlets of the tank (whether loaded or empty) must be properly secured and closed air-tight. (D) Wood naphtha or wood spirit must be packed in stoneware jars or glass-stoppered bottles or in vessels of tin or copper provided with screw stoppers or corked with caps covering their mouths, soldered on. (E) Country spirit may be packed in wooden casks. Iron or steel drums. Tins, strong and securely closed, in wooden cases. Glass bottles, securely closed, in card-board boxes packed with wood wool in wooden cases. Must be packed in approved drums or receptacles of the pattern referred to above or in thoroughly strong and sound casks, not exceeding 50 gallons in capacity, containing not less than 5 per cent of air space when filled, and securely closed so as to prevent leakage.	the carriage of inflammable liquids the vapours of which have flashing points below 76° Fahr., must be securely closed with bungs, plugs or caps of either metal, wood or straw board. A declaration that the packing is in accordance with these conditions must be entered on the consignment note.		
5	Insecticides (Fluid) inflammables.				
	Cements, compositions, paints, polishes and other articles, partly composed of naphtha or other highly inflammable liquids.				



# SCHEDULE—contd.

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1	2	3	4	5	6	
	<p><b>I.—INFLAMMABLE LIQUIDS—contd.</b>  <i>Group A—contd.</i>            Neol household cement</p> <p>Necolustre</p>	<p>General packing regulations</p> <p>or in hermetically sealed tins or bottles packed in saw-dust in cases, or in securely closed tins, packed in saw-dust in cases, containing not more than 4 gallon of liquid per package.</p> <p>(i) Drums or cans, upto 15 gallons capacity securely closed so as to prevent leakage, (ii) Luted and tiedover stoppered bottles or hermetically sealed tins, not exceeding half-gallon capacity, securely packed in saw-dust or straw in cases or casks. (iii) One gallon taper-neck cans, securely closed, in saw-dust in cases. A maximum of 8 cans may be packed in one case, provided the case is divided by wooden partitions between the cans. (iv) Stoneware jars or bottles, not exceeding 1 gallon capacity, securely closed with well fitting wired down corks and wicker covered to the neck and over the cork. (v) Tins, securely closed, in saw-dust, in cases containing not more than half a gallon of liquid per package. (vi) Drums or barrels of 20 to 100 gallons capacity securely closed so as to prevent leakage.</p>	<p>Senders to declare on the consignment note whether the flashing point is below, or at or above, 76° Fahr., and the railway staff to enter the same on the railway receipt and invoice.</p> <p>The words <i>highly inflammable</i> must be distinctly marked on each package by the sender.</p>	<p>No restriction as to quantity.</p> <p>By mixed train, no restriction as to quantity but only carried when goods trains are running.</p> <p>Not carried by passenger train.</p>		
6	Nitro-cellulose Lacquer					

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1	2	3	4	5	6
7	Paint and varnish removers.	<p>1.—INFLAMMABLE LIQUIDS—<i>contd.</i></p> <p>GROUP A—<i>contd.</i></p> <p>Must be packed in approved cans or drums of the pattern referred to in column 3 against serial No. 3, not exceeding 50 gallons in capacity, containing not less than 5 per cent of air space when filled and securely closed so as to prevent leakage, or</p> <p>in hermetically sealed tins or bottles packed in saw-dust in cases, or</p> <p>in securely closed tins packed in saw-dust in cases containing not more than half gallon of liquid per package, or</p> <p>in hermetically sealed tins of not more than 1 gallon capacity packed in saw-dust in wooden cases.</p> <p>A maximum of six tins may be packed in one case, provided the case is divided by wooden partitions between the tins.</p> <p>In securely closed iron drums or in securely closed tins in wooden cases.</p>			
8	Plastic wood			No restriction as to quantity.	By mixed train, no restriction as to quantity but

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**SCHEDULE--contd.**

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	General packing regulations			
1	2	3	4	5
1. INFLAMMABLE LIQUIDS--contd. Group A--contd.			the flashing point is below, or at or above, 76° Fahr., and the railway staff to enter the same on the railway receipt and invoice. The words " <i>Highly inflammable</i> " must be distinctly marked on each package by the sender.	By goods train 5
9 Rubbersolution composed of rubber and naphtha. --contd.	Must be packed in iron drums, or iron cans, strongly made and securely closed so as to prevent leakage, or in hermetically sealed tins or air-tight collapsible tubes packed in saw-dust in cases, or in air-tight tins packed in saw dust in a wooden box as an inner package, or air-tight collapsible tubes packed in saw-dust in stout cardboard boxes or cartons as an inner package, each such inner package to contain not more than 1 lb. of rubber solution and to be packed in an outer package made of wood with sides not less		The traffic must not be sheeted or loaded in covered wagons except in the case of small consignments loaded with other goods not must it be loaded with lucifer or other matches.	By mixed or passenger train 6
				only carried when no goods trains are running. Not carried by passenger train. 21
				By mixed train, no restriction as to quantity but only carried when no goods trains are running. Not carried by passenger train.

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		General packing regulations		By goods train
1	2	3	4	By mixed or passenger train
9	<p><b>I.—INFLAMMABLE LIQUIDS—contd.</b>  <b>GROUP A—contd.</b></p> <p>Rubbersolution composed of rubber and napathe—<i>contd.</i></p>	<p>than <math>\frac{3}{8}</math> inch thick, and ends <math>\frac{1}{2}</math> inch thick strongly bound with hoop iron or crescent wire, and containing a total of not more than 10 lbs. of rubber solution, or in air-tight collapsible tubes, each containing not more than 1 fluid ounce of rubber solution, packed in saw-dust, in stout card-board boxes or cartons as an inner package, each such inner package to contain not more than 1 lb. of rubber solution and to be packed in an outer package made of wood with sides not less than <math>\frac{3}{8}</math> inch thick, and ends <math>\frac{1}{2}</math> inch thick, strongly bound with hoop iron or crescent wire, and containing a total of not more than 30 lbs. of rubber solution.</p>	<p>Senders to declare on the consignment note whether the flashing point is below, or at or above, 76° Fahr., and the railway staff to enter the same on the railway receipt and invoice. The words "<i>highly inflammable</i>" must be distinctly marked on each package by the sender.</p>	<p>No restriction as to quantity.</p>

**SCHEDULE—contd.**

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	General packing regulations			By goods train
1	6	3	4	By mixed or passenger train
10	<p align="center"><b>I.—INFLAMMABLE LIQUIDS—contd.</b></p> <p align="center"><b>GROUP B.</b></p> <p><i>Liquids, the vapours of which have flashing points at 76° Fahr. and higher, temperature [subject to the proviso in section 2 (b) of the Indian Petroleum Act of 1898].</i></p> <p><b>NOTE.—LUBRICATING OILS having a flashing point at or above 200° Fahr., shall not be deemed to be dangerous goods for the purposes of this rule.</b></p>			<p>Serial No. 10. These liquids may be carried by brake-van of mixed or passenger train in cans or drums up to a limit of 12 gallons in one train. The cans or drums must be carried in the rear brake-van which should be well ventilated. They must be placed as far as possible from other packages in the brake-van and from the rear tail light of the train.</p>
10	<p>Cements, compositions, paints, polishes and other articles partly composed of naphtha or other inflammable liquids.</p>	<p>Must be packed in casks, iron drums or iron cans strongly made and securely closed so as to prevent leakage, or in hermetically sealed tins or bottles packed in saw-dust in cases, or in securely closed tins packed in saw-dust in cases containing not more than <math>\frac{1}{2}</math> gallon of liquid per package.</p>	<p>The word "<i>inflammable</i>" must be distinctly marked on each package by the sender.</p>	



# SCHEDULE -contd.

Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office, are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods	General packing regulations	Supplementary packing, transport, loading and unloading regulations	Conditions under which and amount which may be carried
1	2	3	4	5	6
11	<p><b>I.—INFLAMMABLE LIQUIDS—contd.</b></p> <p><b>Group B—contd.</b></p> <p>Batching oil</p> <p>Insecticides (Fluid) inflammable.</p> <p>Pesticides</p> <p><i>Perroleum and other hydrocarbon oils, non-dangerous.</i></p> <p>Includes—</p> <p>Crude oil.</p> <p>Gas oil.</p> <p>Kerosene or paraffin oil, non-dangerous.</p> <p>Liquid fuel.</p>	<p>When not loaded in tank wagons specially constructed for the carriage of dangerous goods, must be securely packed, to prevent leakage, in iron or steel drums or in strong tins or in bottles corked and sealed.</p> <p>When bottles are used, they must be packed in straw or saw-dust and enclosed in wooden cases.</p>			<p>By goods train</p> <p>By mixed or passenger train</p> <p>No restriction as to quantity.</p>
		<p>In the case of all "Kerosene Oils" and all "Petroleum and other hydrocarbon oils," senders to declare on the consignment note whether the flashing point is below, or at or above 76° Fahr., and the railway staff to enter the same on the railway receipt and invoice. "Kerosene or paraffin oil, non-dangerous" and "Petroleum, and other hydrocarbon oils, non-dangerous," in quantities exceeding 500 gallons must not be accepted unless sender produces a special or general licence.</p> <p>The word "<i>inflammable</i>" must be distinctly marked on each package by the sender.</p>			<p>By mixed train, whether in bulk or non-bulk, no restriction as to quantity but only carried when no goods trains are running.</p> <p>NOTE.—"Kerosene oil non-dangerous" may be carried in any quantity by mixed train even when goods trains are running.</p>

**SCHEDULE—contd.**

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1	2	3	4	5
	General packing regulations			By goods train
1	L.—INFLAMMABLE LIQUIDS—contd. Group B—contd.	3	4	By mixed or passenger train
			If, without outer wooden cases, a layer of <i>cherna</i> matting or other suitable dunnage must be placed on the floor of the vehicle and between each tier of tins, and where the goods are transhipped from one vehicle to another, the matting or other dunnage originally used at the place of loading, must also be transhipped and properly laid down.	These liquids may be carried by <i>brake-van</i> of mixed or <i>passenger</i> train in cans or drums upto a limit of 12 gallons in one train. The cans or drums must be carried in the rear brake-van which should be well ventilated. They must be placed as far as possible from other packages in the brake-van and from the rear tail light of the train.
11	Rosin oils, having a flash point below 200° Fahr.  Sodium Xanthate  Turpene	Liquid fuel and Pesterine provided they have a flash point at or above 150° Fahr., may also be carried in wooden casks.  Rosin Oils having a flash point at or above 200° Fahr., shall not be deemed to be dangerous goods.  Rosin Oils having a flash point at or above 150° Fahr., may also be carried in wooden		In the case of Kerosine or Paraffin oil, and Insecticides (Fluid), inflammable other commodities including dangerous goods (not explosives or any of the substances mentioned against Serial Nos. 19, 21, 22, 25 and 26) may be loaded in the same vehicle with these liquids, provided that they are well separated from them.

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1	2	3	4	5
		General packing regulations		By goods train By mixed or passenger train
13	I.—INFLAMMABLE LIQUIDS— <i>contd.</i> Group B— <i>contd.</i> Amyl Acetate Iso Amyl Acetate	Casks, cases, or iron drums  Luted and tied over stoppered bottles not exceeding 1 gallon in capacity, well bedded in straw, in hampers.  Carboys.	The word "Inflammable" must be distinctly marked on each package by sender.	By goods train By mixed or passenger train By mixed train no restriction as to quantity, but only carried when no goods trains are running. May be carried by <i>brake-van of mixed or passenger train</i> up to a limit of 12 gallons in one train if packed <i>other than</i> in carboys.
14	Cleansing and Washing Fluids, inflammable.	Tins, securely closed, in cases  Tins, securely closed, in card-board cartons in fibreboard cases.  Iron drums.	The word "Inflammable" must be distinctly marked on each package by sender.	By mixed train, no restriction as to quantity but only carried when no goods trains are running. May be carried by <i>brake-van of mixed or passenger train</i> up to a limit of 12 gallons in one train. The tins or drums must be carried in the rear brake-van which should be well ventilated. They must be placed as far as possible from other packages in the brake-van and from the rear tail light of the train.

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Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office, are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that the goods have been packed in accordance with the departmental regulations relating to the Packing of such goods.	Supplementary packing transport, loading and loading regulations	Conditions under which and amount which may be carried
1	2	3	4	5
15	<p>I.—INFLAMMABLE LIQUIDS—contd. Group B—contd.</p> <p>Oil of turpentine ..</p> <p>Spirits of turpentine ..</p> <p>Rosin spirit ..</p> <p>Terebine or sundryers ..</p> <p>Turpentine substitutes ..</p> <p>Varnish ..</p>	<p>General packing regulations</p> <p>Must be packed either in iron or steel drums or tins properly soldered or in corked or capsuled bottles, the bottles or tins being securely packed in wooden cases.</p>	<p>The word "Inflammable" must be distinctly marked on each package by the sender.</p>	<p>By goods train</p> <p>By mixed or passenger train</p> <p>5</p> <p>6</p> <p>329</p> <p>No restriction as to quantity.</p> <p>By mixed train, no restriction as to quantity but only carried when no goods trains are running.</p> <p>Other commodities, including dangerous goods* (not explosive or any of the substances mentioned against Serial Nos. 19, 21, 22, 25 and 26) may be loaded in the same vehicle with these liquids, provided that they are well separated from them.</p> <p>These liquids may be carried by <i>brake-van of mixed or passenger train</i> in cans or drums up to a limit of 12 gallons in one train. The cans or drums must be carried in the rear brake-van which should be well ventilated. They must be placed as far as possible from other packages in the brake-van and from the rear tail light of the train.</p>

Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office, are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods	General packing regulations	4	By goods train	By mixed or passenger train	Conditions under which and amount which may be carried
1	2	3	Supplementary packing, transport, loading and unloading regulations	4	5	6	
16	<p><b>L—INFAMMABLE LIQUIDS—contd.</b> Group B—contd.</p> <p>Rubbersolution composed of rubber and naphtha.</p>	<p>The word "Inflammable" must be distinctly marked on each package by the sender.</p> <p>Senders to declare on the consignment note whether the flashing point is below, or at or above, 76° Fahr. and the railway staff to enter the same on the railway receipt and invoice.</p> <p>Must be packed in casks, iron drums or iron cans, strongly made and securely closed so as to prevent leakage, or in hermetically sealed tins or air-tight collapsible tubes packed in saw-dust in cases, or in air-tight tins packed in saw-dust in a wooden box as an inner package, or air-tight collapsible tubes, packed in saw-dust, in stout card-board boxes or cartons as an inner package, each such inner package to contain not more than 1 lb. of rubber solution, and to be packed in an outer package made of wood, with sides not less than 1/2 inch thick and ends 3/4 inch thick, strongly bound with hoop iron or crescent wire, and containing a total of not more than 10 lbs. of rubber solution, or in air-tight collapsible tubes, each containing not more than 1 fluid ounce of rubber solution, packed in saw-dust, in stout card-board boxes or cartons as an inner package, each such inner package to</p>	<p>By mixed train, no restriction as to quantity, but only carried when no goods trains are running. These liquids may be carried by <i>brake-van</i> of <i>mixed or passenger</i> train in cans or drums up to a limit of 12 gallons in one train. The cans or drums must be carried in the rear brake-van which should be well ventilated.</p> <p>They must be placed as far as possible from other packages in the brake-van and from the rear tail light of the train.</p>	No restriction as to quantity.			

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**SCHEDULE—contd.**

Sl. No.	Description of dangerous goods.	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office, are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods.	Supplementary packing, transport, loading and unloading regulations	By goods train	By mixed or passenger train	Conditions under which and amount which may be carried
1	2	3	4	5	6	
	I.—INFLAMMABLE LIQUIDS— <i>contd.</i> GROUP B— <i>contd.</i>	General packing regulations				
17	II.—DANGEROUS, CORROSIVE AND POISONOUS CHEMICALS.  Acid, formic or hydrofluoric.	contain not more than 1 lb. of rubber solution, and to be packed in an outer package made of wood with sides not less than $\frac{3}{4}$ inch thick, and end $\frac{1}{2}$ inch thick, strongly bound with hoop iron or crescent wire, and containing a total of not more than 30 lbs. of rubber solution.	The gross weight of each package must not exceed 2 maunds.	No restriction as to quantity.	By mixed train, no restriction as to quantity but only carried when no goods trains are running.	
18	Acid, formic	Must be put into leaden or gutta-percha bottles, standing upright in cases; the inside packing of the cases must be of straw, chaff or saw-dust mixed with coal, wood ashes, chalk, sand, or dry earth.			By brake-van of mixed or passenger train, one case only. It must be placed as far as possible from other packages in the brake-van.	

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Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office, are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods	Supplementary packing, transport, loading and unloading regulations	By goods train	By mixed & passenger train	Conditions under which and amount which may be carried
1	2	General packing regulations	4	5	6	
19	II.—DANGEROUS, CORROSIVE AND POISONOUS CHEMICALS— <i>contd.</i>  Acid hydrochloric or muriatic or spirit of salts.	<p>Must be well secured in stoneware jars, or glass stoppered bottles, standing upright in cases; the inside packing of these cases must be of ashes, free from cinders, or of chalk, sand or dry earth.</p> <p>The inside packing of the cases containing acid, hydrochloric or muriatic or spirit of salts may be of straw, or refuse cheap enough for packing such as grass, wood shavings, etc.; and this acid may also be carried in glass or earthenware carboys of not more than 12 gallons capacity, packed securely in iron or wooden crates with straw, or refuse cheap enough for packing such as grass, wood shavings, etc. The carboys should be securely bunged or stoppered and luted, with their necks exposed.</p> <p>Must be well secured in stoneware jars, or glass stoppered bottles, standing upright in cases; the inside packing of these cases must be of ashes, free from cinders, or of chalk, sand or dry earth. May also be carried in special nitric acid resisting steel drums".</p>	<p>The gross weight of each package must not exceed 2 maunds.</p> <p>Bottles containing "<i>Acid hydrochloric or muriatic</i>" or "<i>acid, nitric or aqua fortis</i>" must be only three-fourths full to allow for expansion of vapour.</p>	<p>No restriction as to quantity and may be loaded in wagons containing consignments of unflammable materials, provided it be kept separate at one end of the wagon.</p>	<p>By <i>mixed</i> train no restriction as to quantity but only carried when no "<i>goods</i> trains are running. May be loaded in wagons containing consignments of unflammable materials provided it be kept separate at one end of the wagon.</p> <p>By <i>brake-van</i> of <i>mixed</i> or <i>passenger</i> train, one case only. It must be placed as far as possible from other packages in the brake-van.</p> <p>NOTE.—In the case of Government consignments more than one case may be so carried, provided that the gross weight of the cases does not exceed two maunds.</p>	

II.—DANGEROUS, CORROSIVE AND POISONOUS CHEMICALS—*contd.*

19 Acid hydrochloric or muriatic or spirit of salts.

Acid nitric or aqua fortis

Must be well secured in stoneware jars, or glass stoppered bottles, standing upright in cases; the inside packing of these cases must be of ashes, free from cinders, or of chalk, sand or dry earth.

The inside packing of the cases containing acid, hydrochloric or muriatic or spirit of salts may be of straw, or refuse cheap enough for packing such as grass, wood shavings, etc.; and this acid may also be carried in glass or earthenware carboys of not more than 12 gallons capacity, packed securely in iron or wooden crates with straw, or refuse cheap enough for packing such as grass, wood shavings, etc. The carboys should be securely bunged or stoppered and luted, with their necks exposed.

Must be well secured in stoneware jars, or glass stoppered bottles, standing upright in cases; the inside packing of these cases must be of ashes, free from cinders, or of chalk, sand or dry earth. May also be carried in special nitric acid resisting steel drums".

Must be well secured in stoneware jars, or glass stoppered bottles, standing upright in cases; the inside packing of these cases must be of ashes, free from cinders, or of chalk, sand or dry earth. May also be carried in special nitric acid resisting steel drums".

The gross weight of each package must not exceed 2 maunds.

Bottles containing "*Acid hydrochloric or muriatic*" or "*acid, nitric or aqua fortis*" must be only three-fourths full to allow for expansion of vapour.

No restriction as to quantity and may be loaded in wagons containing consignments of unflammable materials, provided it be kept separate at one end of the wagon.

By *mixed* train no restriction as to quantity but only carried when no "*goods* trains are running. May be loaded in wagons containing consignments of unflammable materials provided it be kept separate at one end of the wagon.

By *brake-van* of *mixed* or *passenger* train, one case only. It must be placed as far as possible from other packages in the brake-van.

NOTE.—In the case of Government consignments more than one case may be so carried, provided that the gross weight of the cases does not exceed two maunds.

Conditions under which and amount which may be carried

Supplementary packing, transport, loading and unloading regulations

General packing regulations

By goods train

By mixed & passenger train

Sl. No.

2

4

5

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II.—DANGEROUS, CORROSIVE AND POISONOUS CHEMICALS—*contd.*

19 Acid hydrochloric or muriatic or spirit of salts.

Acid nitric or aqua fortis

Must be well secured in stoneware jars, or glass stoppered bottles, standing upright in cases; the inside packing of these cases must be of ashes, free from cinders, or of chalk, sand or dry earth.

The inside packing of the cases containing acid, hydrochloric or muriatic or spirit of salts may be of straw, or refuse cheap enough for packing such as grass, wood shavings, etc.; and this acid may also be carried in glass or earthenware carboys of not more than 12 gallons capacity, packed securely in iron or wooden crates with straw, or refuse cheap enough for packing such as grass, wood shavings, etc. The carboys should be securely bunged or stoppered and luted, with their necks exposed.

Must be well secured in stoneware jars, or glass stoppered bottles, standing upright in cases; the inside packing of these cases must be of ashes, free from cinders, or of chalk, sand or dry earth. May also be carried in special nitric acid resisting steel drums".

Must be well secured in stoneware jars, or glass stoppered bottles, standing upright in cases; the inside packing of these cases must be of ashes, free from cinders, or of chalk, sand or dry earth. May also be carried in special nitric acid resisting steel drums".

The gross weight of each package must not exceed 2 maunds.

Bottles containing "*Acid hydrochloric or muriatic*" or "*acid, nitric or aqua fortis*" must be only three-fourths full to allow for expansion of vapour.

No restriction as to quantity and may be loaded in wagons containing consignments of unflammable materials, provided it be kept separate at one end of the wagon.

By *mixed* train no restriction as to quantity but only carried when no "*goods* trains are running. May be loaded in wagons containing consignments of unflammable materials provided it be kept separate at one end of the wagon.

By *brake-van* of *mixed* or *passenger* train, one case only. It must be placed as far as possible from other packages in the brake-van.

NOTE.—In the case of Government consignments more than one case may be so carried, provided that the gross weight of the cases does not exceed two maunds.

Conditions under which and amount which may be carried

Supplementary packing, transport, loading and unloading regulations

General packing regulations

By goods train

By mixed & passenger train

Sl. No.

2

4

5

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SCHEDULE—*contd.*

Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office, are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods	General packing regulations	Supplementary packing transport, loading and unloading regulations	Conditions under which and amount which may be carried
1	2	3	4	By goods train	By mixed or passenger train
20	<p align="center">II—DANGEROUS, CORROSIVE AND POISONOUS CHEMICALS—<i>contd.</i></p> <p>Hydrobromic Acid .. ..</p> <p>Hydrobromic Acid diluted with zinc .. ..</p>	<p>In carboys .. ..</p> <p>In bottles in casks or cases .. ..</p>	<p align="center">....</p>	<p>No restriction as to quantity.</p>	<p>By mixed train, no restriction as to quantity but only carried when no goods trains are running.</p> <p>The substances should not be loaded with Foodstuffs, Woodstuff empties, Explosives, Inflammable liquids or other goods likely to be damaged in the event of leakage. If it is necessary to load them in the same wagon with such articles, they must be kept quite apart therefrom.</p>
21	<p>Muriate or chloride of zinc.</p>	<p>In casks or iron drums or carboys. May also be carried in jars or bottles packed in cases.</p>	<p align="center">....</p>	<p>By mixed train, no restriction as to quantity but only carried when no goods trains are running. May be loaded in wagons containing consignments of unflammable materials provided it be kept separate at one end of the wagon.</p>	

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Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office, are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods	Supplementary packing, transport, loading and unloading regulations	By goods train	By mixed or passenger train	Conditions under which and amount which may be carried
1	2	3	4	5	6	
22	IL—DANGEROUS, CORROSIVE AND POISONOUS CHEMICALS—contd. Acid, acetic .. Acid, carbolic .. Acid cresylic .. Amorphous phosphorus .. Bromine .. Chloride of sulphur .. Pentachloride of iron .. Phosphorus .. Phosphorus Pentachloride .. Phosphorus Sulphide (Sesqui Sulphide). Phosphorus Trichloride ..	(i) Must be well secured in stoneware jars, or glass stoppered bottles, standing upright in cases; the inside packing of these cases must be of straw, chaff or saw-dust mixed with coal, wood ashes, chalk or sand. (ii) Amorphous phosphorus, Phosphorus and phosphorus Sulphide (Sesqui Sulphide) may also be carried (a) in strong tins hermetically sealed, and properly packed in saw-dust in wooden cases of sufficient strength to withstand rough usage. (b) also in iron drums hermetically sealed and of sufficient strength to withstand rough usage. (iii) Carbolic acid may also be carried in iron or steel drums or casks. (iv) Acid, Acetic (including glacial acetic acid) may also be carried in carboys stoppered with corks, the carboys and corks to be protected by wicker coverings. (v) Acid Cresylic may also be carried in iron or steel drums.	The gross weight of each package must not exceed 5 maunds over the Broad and Metre Gauge Railways and 3 maunds over the Narrow Gauge Railways.  Bottles containing "Ergone" must be only three-fourths full to allow for expansion of vapour.	No restriction as to quantity and may be loaded in wagons containing consignments of inflammable materials provided it be kept separate at one end of the wagon.	By <i>brake-van of mixed or passenger train</i> , one case only. It must be placed as far as possible from other packages in the brake van.  NOTE.—Serial No. 22. In the case of Government consignments more than one case may be so carried provided that the gross weight of the cases does not exceed two maunds.	

**SCHEDULE—contd.**

Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office, are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods.	Conditions under which and amount which may be carried
1	2	3	4
	General packing regulations		By goods train
		4	By mixed or passenger train
23	<p align="center"><b>II.—DANGEROUS, CORROSIVE AND POISONOUS CHEMICALS—contd.</b></p> <p>Cyanide of copper solid</p> <p>Cyanide of lime solid</p> <p>Cyanide of potassium solid.</p> <p>Cyanide of sodium solid</p> <p>Cyanide of zinc solid</p> <p>Cyanide of copper and zinc (brass salts) solid.</p> <p>Cyanide of copper solid</p> <p>Cyanide of lime solid</p> <p>Cyanide of potassium solid.</p> <p>Cyanide of sodium solid</p> <p>Cyanide of zinc solid</p> <p>Cyanide of copper and zinc (brass salts) solid.</p> <p>Cyanide of copper solid</p> <p>Cyanide of lime solid</p> <p>Cyanide of potassium solid.</p> <p>Cyanide of sodium solid</p> <p>Cyanide of zinc solid</p> <p>Cyanide of copper and zinc (brass salts) solid.</p>	<p>(i) In air-tight tin or zinc cases, packed in substantial wooden cases, iron bound, not containing more than 2 cwt. each.</p> <p>(ii) In air and water-tight iron drums</p> <p>In air-tight tins, packed in boxes.</p> <p>In hermetically sealed jars or bottles packed in boxes.</p>	<p align="center">830</p> <p>No restriction as to quantity.</p> <p>By mixed train, no restriction—as to quantity but only carried when no goods trains are running.</p> <p>Cyanides should not be loaded with explosive or inflammable liquids, textile fabrics leather and rubber goods or other goods liable to be damaged thereby. If it is necessary to load them in the same wagon with such articles they must be kept quite apart therefrom.</p>



Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office, are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods	Supplementary packing, transport, loading and unloading regulations	Conditions under which and amount which may be carried
1	2	3	4	5
24	II.—DANGEROUS, CORROSIVE AND POISONOUS CHEMICALS—contd.  Ammonia in solution	(i) In metal drums or metal bottles with caps soldered on, standing upright in cases, the inside packing must be of straw, chaff or saw-dust mixed with coal, wood ashes, chalk or sand.  (ii) In iron or steel drums not exceeding 100 gallons in capacity and capable of withstanding a pressure of 66 lbs. per square inch without leakage and filled to not more than 9—10ths of their capacity.  (iii) In approved tank wagons of about 8 tons capacity.	The gross weight of each package must not exceed 2 maunds. Bottles containing "ammonia in solution" must be only three-fourths full to allow for expansion of vapour.	By goods train 5  By mixed or passenger train 6  By mixed train, no restriction as to quantity but only carried when no goods trains are running. By brake-van of mixed or passenger train, one case only. It must be placed as far as possible from other packages in the brake-van.
				No restriction as to quantity.  Foodstuffs, or empties which have contained foodstuffs must not be loaded in the same wagon. Other goods liable to be damaged, if loaded in the same wagon, must be kept quite apart.

**SCHEDULE—contd.**

Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods	Supplementary packing, transport, loading and unloading regulations	Conditions under which and amount which may be carried
	General packing regulations		By goods train	By mixed or passenger train
1	2	3	5	6
25	<p align="center"><b>II.—DANGEROUS, CORROSIVE AND POISONOUS CHEMICALS—contd.</b></p> <p>Acid, phosphoric</p> <p>Acid sulphurous (solution)</p>	<p align="center">In casks</p>	<p>No restriction as to quantity and may be loaded in wagons containing consignments of inflammable materials provided it be kept separate at one end of the wagon.</p>	<p align="center">832</p> <p>By mixed train, no restriction as to quantity but only carried when no goods trains are running.</p> <p>May be loaded in wagons containing consignments of inflammable materials provided it be kept separate at one end of the wagon.</p> <p>By brake-van of mixed or passenger train, one case only. It must be placed as far as possible from other packages in the brake-van.</p>
26	<p>Acid sulphuric or oil of vitriol or vitriol.</p>	<p>(i) Must be well secured in stoneware jars or glass stoppered bottles, standing upright in cases, and the inside packing of these cases must be of ashes, free from cinders, or of chalk, sand, or dry earth. In the case of Sulphuric acid, diluted with not less than twice its volume of water of a specific gravity of 1.250 or</p>	<p>No restriction as to quantity and may be loaded in wagons containing consignments of inflammable materials provided it be kept separate</p>	<p>By mixed train, no restriction as to quantity but only carried when no goods trains are running. May be loaded in wagons containing consignments of inflammable materials provided it be kept</p>

Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments and the Stores Department of the India Office, are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods	Supplementary packing, transport, loading and unloading regulations	Conditions under which and amount which may be carried
1	2	3	4	By goods train
11. DANGEROUS CORROSIVE AND POISONOUS CHEMICALS— <i>contd.</i>	<p>below which must be certified in writing by the consignor, the inside packing of the cases containing such acid may be straw, or refuse cheap enough for packing, such as grass, wood shavings, etc., instead of ashes free from cinders or chalk, sand, or dry earth.</p> <p>(ii) May also be carried in glass or earthenware carboys of not more than 12 gallons capacity, packed securely in iron or wooden crates with straw, or refuse cheap enough for packing, such as grass, wood shavings etc. May also be carried in earthenware jars or carboys of less than 12 gallons capacity, firmly packed in straw in wooden racks fixed in the wagons. The carboys should be securely bunged or stoppered and luted, with their necks exposed.</p> <p>(iii) May also be packed in hermetically sealed cisterns made of lead weighing 5 lbs. per square foot, enclosed in wooden cases made of one inch thick boards bound with half-inch hoop-iron, the sides of the case being so constructed that the grain runs horizontally on two sides, and vertically on the other two.</p>	<p>General packing regulations</p>	<p>net weight of the acid must not exceed 112 lbs. When packed in accordance with clause (v), the weight of each drum must not exceed 1,400-lbs.</p>	<p>By mixed or passenger train</p>

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at one end of the wagon.

By brake-van of mixed or passenger train, one case only. It must be placed as far as possible from other packages in the brake-van.

Acid sulphuric concentrated when packed in accordance with clause (v) given under column 3 cannot be carried by brake-van of mixed or passenger train.

NOTE.—In the case of Government consignments more than one case may be so carried provided that the gross weight of the cases does not exceed two maunds.

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Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods	Supplementary packing, transport, loading and unloading regulations	Conditions under which and amount which may be carried
1	2	3	4	5
26	<p>II.—DANGEROUS, CORROSIVE AND POISONOUS CHEMICALS—contd.</p> <p>Acid sulphuric, etc—contd.</p>	<p>(iv) Must not be put into jars with cork or wooden stoppers.</p> <p>(v) Acid sulphuric concentrated, i.e., of a specific gravity not less than 1.780 at 15°C which must be certified in writing by the consigner may be packed in approved steel drums. The gross weight per drum not to exceed 1,400 lbs. The drums not to be accepted unless in good condition and free from rust. An air space of 5 per cent must be left in drums, when filled.</p> <p>Returned empties will not be accepted for conveyance unless they have been thoroughly cleaned and are securely bunged or otherwise closed air-tight. They must not be loaded with the bung downwards.</p> <p>Specification of steel drums for the conveyance of sulphuric acid:—</p> <ol style="list-style-type: none"> <li>1. The drums must be made of best quality mild steel sheets.</li> <li>2. All drums must be welded or riveted.</li> </ol>	<p>By goods train</p> <p>By mixed or passenger train</p>	<p>By goods train</p> <p>By mixed or passenger train</p>

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Conditions under which and amount which may be carried

Sl. No.

Description of dangerous goods

1

2

II-DANGEROUS,  
CORROSIVE AND  
POISONOUS.  
CHEMICALS—*contd.*

3

General packing regulations

4

Supplementary packing, transport, loading and unloading regulations

5

By goods train

6

By mixed or passenger train



**SCHEDULE—concl.**

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Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods.	Supplementary packing, transport, loading and unloading regulations	Conditions under which and amount which may be carried	
1	2	3	4	By goods train	By mixed or passenger train
		General packing regulations		5	6
27	II.—DANGEROUS, CORROSIVE AND POISONOUS CHEMICALS— <i>contd.</i>	<p>8. The outside of each drum must be painted or varnished, and the paint or varnish must be renewed as often as is necessary to preserve the drum from rusting.</p> <p>(vi) May also be carried in tank wagons of an approved design and of a carrying capacity not exceeding 20 tons.</p> <p>Must be packed in cases, casks or iron drums, and must not be carried in bags. May also be carried in jars or bottles packed in cases.</p>	<p>The word "Poison" must be distinctly marked on each package by the sender.</p>	<p>No restriction as to quantity.</p>	<p>By mixed train, no restriction as to quantity but only carried when no goods trains are running. May be despatched by brake-van of Mixed or passenger train in any quantity at any time, if desired.</p>
					<p>The cases, casks, or iron drums must not be loaded with other goods liable to be damaged thereby (such as foodstuffs, textile, fabrics, leather and rubber).</p>

Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods	Supplementary packing, transport, loading and unloading regulations	Conditions under which and amount which may be carried
1	2	3	4	5
	General packing regulations			By goods train
28	II.—DANGEROUS, CORROSIVE AND POISONOUS CHEMICALS—contd.			By mixed or passenger train
	Barium carbonate			
	Lead oxide	In sacks or close texture sacks		
29	Chloride of Barium	Casks, cases or drums		
30	Bisulphite of lime solution saturated with sulphur dioxide gas.	Must be packed in casks or in glass bottles (not carboys) packed in cases or hampers.		

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By mixed train, no restriction as to quantity but only carried when no goods trains are running. These substances may be carried by *brake-van* of mixed or *passenger* train in hermetically sealed rectangular tins with circular lever lid soldered all round the edge contents of tin not to exceed 28 lbs.

No restriction as to quantity.

The substances should not be loaded with foodstuffs. Foodstuff empties, explosives, inflammable liquids or other goods likely to be damaged in the event of leakage. If it is necessary to load them in the same wagon with such articles, they must be kept quite apart therefrom.

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Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods	General packing regulations	Supplementary packing, transport, loading and unloading regulations	Conditions under which and amount which may be carried
1	2	3	4	5	6
31	<p>II.—DANGEROUS, CORROSIVE AND POISONOUS CHEMICALS—<i>contd.</i></p> <p>Chlorate of barium</p> <p>Chlorate of potash</p> <p>Chlorate of soda</p> <p>Perchlorate of Ammonia</p>	<p>Must be packed in iron drums or paper-lined cases, of sufficient strength, not to allow any of their contents to escape through wear and tear of transport.</p> <p>May also be carried in jars or bottles packed in cases.</p>	<p>Chlorates and Perchlorate of Ammonia must not be loaded in the same vehicle with combustible materials, with sugar or sulphur, or with sulphuric acid (vitriol, or oil of vitriol), hydrochloric acid (muriatic acid or spirit of salts) or nitric acid (aqua fortis).</p>	<p>By goods train</p>	<p>By mixed or passenger train</p>
33	<p>Nitrate of barium</p> <p>Nitrate of lead</p> <p>Nitrate of iron</p>	<p>Must be packed in cases, casks, or iron drums, and must not be carried in bags.</p> <p>May also be carried in jars or bottles packed in cases.</p>		<p>No restriction as to quantity.</p>	<p>By mixed train, no restriction as to quantity but only carried when no goods trains are running. By brake-van of mixed or passenger train, one case only. It must be placed as far as possible from other packages in the brake-van.</p>
33	<p>Nitrate of soda (other than manures).</p>	<p>Must be packed in bags or casks or in tins packed in cases.</p> <p>May also be carried in jars or bottles packed in cases.</p>			
34	<p>Muriate of tin or tin liquor.</p>	<p>Must be packed in cases or iron drums.</p> <p>May also be carried in jars or bottles packed in cases.</p>			

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Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office, are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods	Supplementary packing transport, loading and unloading regulations	Conditions under which and amount which may be carried
1	2	3	4	5
	General packing regulations		By goods train	By mixed or passenger train
35	<p>II.—DANGEROUS, CORROSIVE AND POISONOUS CHEMICALS—contd.</p> <p>Potassium ..</p>	<p>Must be packed in iron drums hermetically sealed. Any quantities under four pounds for chemical purposes, may also be packed in mineral oil in stoppered bottles contained in tin cases.</p>	<p>No restriction as to quantity.</p>	<p>By mixed train, no restriction as to quantity but only carried when no Goods trains are running.</p>
36	<p>Sodium ..</p>	<p>Must be packed in iron drums enclosed in strong wooden cases, or in approved air-tight and water-tight iron drums, packed in strong wooden cases, also in approved steel cases, each containing not more than 8 cwt. of sodium, closed with air-tight locked lever-lids. Any quantity under four pounds, for chemical purposes, may also be packed in mineral oil in stoppered bottles contained in tin cases.</p>	<p>No restriction as to quantity.</p>	<p>By mixed train, no restriction as to quantity but only carried when no Goods trains are running.</p>
37	<p>Acidol ..</p> <p>Oxalic acid ..</p> <p>Oxalate of potash ..</p> <p>Titanium potassium Oxalate ..</p>	<p>Must be packed in cases or casks. May also be carried in jars or bottles packed in cases.</p>	<p>The word "Poison" must be distinctly marked on each package by the sender.</p>	<p>By brake-van of mixed or passenger train, one case only. It must be placed as far as possible from other packages in the brake-van.</p>
38	<p>Nitrate of potash, nitre or saltpetre, refined.</p> <p>Saltpetre, crude ..</p>	<p>Must be packed in bags or casks. May also be carried in jars or bottles packed in cases.</p>	<p>No restriction as to quantity.</p>	<p>By brake-van of mixed or passenger train, one case only. It must be placed as far as possible from other packages in the brake-van.</p>

**SCHEDULE—contd.**

Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical, Departments, and the Stores Department of the India Office, are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods	Supplementary packing transport, loading and unloading regulations	Conditions under which and amount which may be carried
1	2	3	4	5
	General packing regulations			By goods train
39	Aniline salt (aniline hydro-chloride).	In thoroughly sound casks or cases of sufficient strength to withstand rough usage. May also be packed in jars or bottles in cases.	Aniline salt is poisonous, it also stains pipe wood and some kinds of paper yellow and gives off vapours which produce a similar effect. Packages containing this chemical must, therefore, be kept quite apart from other goods, including articles of food, and if any leakage from a package should occur steps must at once be taken to remove from the vicinity all articles which might be da-	By mixed or passenger train
	II.—DANGEROUS, CORROSIVE AND POISONOUS CHEMICALS—contd			6
				Other commodities including dangerous goods (not explosives or any of the substances mentioned against Serial Nos. 19, 21, 22, 25 and 27) may be loaded in the same vehicle with nitrate of potash, nitre or saltpetre refined, and saltpetre crude, provided that they are well separated from it.
				No restriction as to quantity. By mixed train, no restriction as to quantity but only carried when no goods trains are running. Not carried by passenger train.

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Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office, are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods	Supplementary packing, transport, loading and unloading regulations	Conditions under which and amount which may be carried
1	2	3	4	5
		General packing regulations		By goods train
				By mixed or passenger train
40	II.—DANGEROUS, CORROSIVE AND POISONOUS CHEMICALS—contd. Caustic soda liquor Caustic potash liquor	In strong iron drums up to 80 gallons capacity securely closed so as to prevent leakage. In tank wagons of approved design	Tank wagons both full and empty will not be accepted for conveyance unless all inlets and outlets are securely closed water-tight. The words 'Caustic soda liquor' or 'Caustic potash liquor' should be painted very conspicuously on the tank portion of the wagon.	No restriction as to quantity.  By mixed train, no restriction as to quantity but only carried when no goods trains are running.  Not carried by passenger train.
41	Caoutchoucine and Pyridine Bases. Paint and varnish removers, corrosive non-inflammable.	In casks or drums In tins in cases or hampers In jars not exceeding 25 gallons capacity or carboys.		No restriction as to quantity.  By mixed train, no restriction as to quantity but only carried when no goods trains are running.  The articles should not be loaded with food-stuffs, foodstuff empties, explosives, inflammable liquids or other goods likely to be damaged in the event of leakage. If it is necessary to load them in the same wagon with such articles, they must be kept quite apart from them.

SCHEDULE—*contd.*

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Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office, are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods.	Supplementary packing, transport, loading and unloading regulations	Conditions under which and amount which may be carried
1	2	3	4	5
42	<p>II.—DANGEROUS, CORROSIVE AND POISONOUS.</p> <p>CHEMICALS—<i>contd.</i></p> <p>Hydrogen peroxide solution, exceeding 40 volumes strength.</p>	<p>General packing regulations</p> <p>In carboys (with an effective vent in the bung) each containing not more than 130 lbs.</p>		<p>By goods train</p> <p>By mixed or passenger train</p>
43	<p>Nitro-benzol (Nitro-benzene or oil of Mirbane).</p>	<p>(i) In drums or in tins in saw-dust in cases. (ii) In tins in straw in hampers. (iii) In tank wagons of approved design.</p>		<p>No restriction as to quantity.</p> <p>The substance should not be loaded with Foodstuffs, Foodstuffs empties, Explosives, Inflammable liquids or other goods likely to be damaged in the event of leakage. If it is necessary to load it in the same wagon with such articles, it must be kept quite apart therefrom.</p> <p>By mixed train no restriction as to quantity but only carried when no goods trains are running.</p> <p>The substance and empties which have contained it, must not in any circumstances be loaded in the same truck with Foodstuffs, Foodstuff empties, Textile fabrics, Paper goods, nor with any merchandise in paper, wood or fibre-board packages.</p>



**SCHEDULE—contd.**

Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office, are exempt from the rules in this column, provided that a written declaration of the contents of the packages is given by a duly authorised officer, and that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods	Supplementary packing, transport, loading and unloading regulations	Conditions under which and amount which may be carried
1	2	3	4	5
		General packing regulations		By goods train
				By mixed or passenger train
44	II.—DANGEROUS, CORROSIVE AND POISONOUS CHEMICALS— <i>contd.</i>  Nitro-naphthalene	In casks or cases		No restriction as to quantity.  The substance should not be loaded with Foodstuffs, Foodstuffs empties, Explosives, Inflammable liquids or other goods likely to be damaged in the event of leakage. If it is necessary to load it in the same truck with such articles, it must be kept quite apart therefrom.
45	Electrolyte, liquid (Potash and Lithia solution). Electrolyte, solid	In drums		No restriction as to quantity.  The substances should not be loaded with Foodstuffs, Foodstuffs empties, Explosives, Inflammable liquids or other goods likely to be damaged in the event of leakage. If it is necessary to load them in the same waggon with such articles they must be kept quite apart therefrom.

**SCHEDULE—contd.**

Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments and the Stores Department of the India Office are exempt from the rules in this column, provided that a written declaration of the contents of the packages is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods	Supplementary packing, transport, loading and unloading regulations	Conditions under which and amount which may be carried
	General packing regulations			By goods train By mixed or passenger train
1	2	3	4	5 6
46	<p align="center"><b>II.—DANGEROUS, CORROSIVE AND POISONOUS</b></p> <p><b>CHEMICALS—contd.</b></p> <p>Charges and Refills for Chemical Fire Extinguishers.*</p>	<p>(i) Bottles or bulbs, each containing not more than 4 ozs. of acid, with or without Carbon Tetrachloride, with the necessary charge of Sodium Bicarbonate in tins or cardboard cartons in cases.</p> <p>(ii) Hermetically sealed bottles or bulbs, each containing not more than 4 ozs. of acid in tins tightly filled with chalk and packed in saw dust and straw in strong wooden cases.</p>	<p>The gross weight of each package must not exceed 2½ mds.</p>	<p>No restriction as to quantity.</p> <p>By <i>mixed</i> train, no restriction as to quantity but only carried when no goods trains are running.</p> <p>By <i>brake-van of mixed or passenger</i> train, one case only. It must be placed as far as possible from other packages in the brake-van.</p>
47	Capsules Lachrymatory	Sealed blubs to be contained in hermetically sealed, lever lid, metal cylinders, packed in wood boxes secured with screws.	<p>The gross weight of each package must not exceed ½ maunds.</p>	<p>The substance should not be loaded with food-stuffs, foodstuffs empties, explosives, inflammable liquids, or other goods likely to be damaged in the event of leakage. If it is necessary to load it in the same wagon with such articles, it must be kept quite apart therefrom.</p> <p>By <i>mixed</i> train, no restriction as to quantity but only carried when no goods trains are running.</p> <p>By <i>brake-van or mixed or passenger</i> train subject to a limit of 1½ maunds. The cases must be placed as far as possible from other packages in the</p>

Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods	Supplementary packing, transport, loading and unloading regulations	Conditions under which and amount which may be carried	
1	2	3	4	5	6
General packing regulations					
48	II.—DANGEROUS, CORROSIVE AND POISONOUS CHEMICALS—contd. Electric accumulators containing acid or alkaline liquids. Electric batteries containing acid or alkaline liquids. Electric cells containing acid or alkaline liquids.	All packages must be securely closed except for small vents so constructed as to prevent free escape of the corrosive liquid	All packages must be labelled in bold letters as under:— "This Electric battery contains a corrosive liquid—Must be kept this side up."	No restriction as to quantity.	By mixed train, no restriction as to quantity but only carried when no goods trains are running. These articles may be carried by brako-van of mixed or passenger train.
49	Peroxide of Sodium	Tins, each containing not more than 40 lbs in strongly bound cases, so covered on the inside with tin that the Peroxide cannot get between the lining and the case, and all of such strength and construction as to prevent either the escape of the Peroxide from the package, or the admission of moisture.	The gross weight of each package must not exceed 370 lbs.	No restriction as to quantity.	By mixed train, no restriction as to quantity but only carried when no goods trains are running. By brako-van of mixed or passenger train, one package only, gross weight not exceeding 40 lbs. It must be placed as far as possible from other packages in the brako-van.

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Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office are exempt from the rules in this column, provided that a written declaration of the contents of the packages is given by a duly authorised officer, and that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods	Supplementary packing, transport, loading and unloading regulations	Conditions under which and amount which may be carried
	General packing regulations		By goods train	By mixed or passenger train
1	2	-3	5	6
II.—DANGEROUS, CORROSIVE AND POISONOUS CHEMICALS— <i>contd.</i>				
50	Cleansing and washing fluids, acid.	Carboys Bottles, not exceeding 7 gallons capacity, in cases or hampers. Casks; jars in cases or crates	No restriction as to quantity.	By mixed train, no restriction as to quantity but only carried when no goods trains are running.
51	Cleansing and washing fluids, alkaline.	Drums; bottles or tins, in cases or jars; jars in crates. Demijohns, not exceeding 4 gallons capacity, in straw in iron crates in wicker baskets, the top of the demijohn being protected by a wicker cover.	The substances should not be loaded with foodstuffs, foodstuffs empties, explosives, inflammable liquids or other goods likely to be damaged in the event of leakage. If it is necessary to load them in the same wagon with such articles, they must be kept quite apart therefrom.	By brake-van of mixed or passenger train, one package only. It must be placed as far as possible from other packages in the brake-van.
52	Tartar Emetic	Casks; tins or strong paper packages, in cases.	No restriction as to quantity.	By mixed train, no restriction as to quantity but only carried when no goods trains are running.

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	General packing regulations			
1	2	3	4	5
II. DANGEROUS, CORROSIVE AND POISONOUS CHEMICALS— <i>contd.</i>				By mixed or passenger train
III.—MISCELLANEOUS DANGEROUS ARTICLES.	<p>Acetylene, compressed into porous substances, subject to the conditions specified in the Government of India, Department of Commerce and Industry, Notification No. 596-D., dated the 6th December 1919.</p> <p>Must be packed in steel cylinders contained (i) in a crate in such a manner that the label is plainly visible, or (ii) in a covering made of closely plaited one inch (circumference) hemp or coir to which an additional metal label marked as directed in column 4, is attached by wire, or rivets or (iii) in a strong wooden case with additional metal label marked, as directed in column 4, on the outside thereof.</p>	<p>Every cylinder shall have permanently and conspicuously marked upon it, or upon a brass plate soldered to it the name of the manufacturer and the words "Acetylene compressed into porous substance exempted by the notification of</p>	<p>No restriction as to quantity.</p> <p>By mixed train, no restriction as to quantity but only carried when no goods trains are running. May be carried in the rear brake-vans of mixed or passenger trains subject to a limit of 10 cylinders per van. The cylinders must be placed as far as</p>	<p>By goods train</p> <p>5</p> <p>By mixed or passenger train</p> <p>8</p> <p>By brake-van of mixed or passenger train, one package only. It must be placed as far as possible from other packages in the brake-van.</p> <p>The substance must not be loaded with foodstuffs or foodstuffs empties.</p>

**SCHEDULE—*concl.***

Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office are exempt from the rules in this column, provided that a written declaration of the contents of the packages is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods	General packing regulations	Supplementary packing, transport, loading and unloading regulations	Conditions under which and amount which may be carried	
1	2	3	4	5	By goods train	By mixed or passenger train
III.—MISCELLANEOUS DANGEROUS ARTICLES— <i>concl.</i>					<p align="center">548</p> <p>possible from other packages in the brake-van.</p> <p>Cylinders containing compressed Oxygen gas should not be carried in the same brake-van of the same mixed or passenger train as cylinders containing dissolved Acetylene gas.</p> <p>A brake-van of a mixed or passenger train should not carry more than ten cylinders in all.</p>	

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Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office are exempt from the rules in this column, provided that a written declaration of the contents of the packages is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods	General packing regulations	Supplementary packing, transport, loading and unloading regulations	Conditions under which and amount which may be carried
1	2	3	4	5	6
54	III.—MISCELLANEOUS DANGEROUS ARTICLES <i>contd.</i>			Cylinders must be carefully handled, and must not be placed near a fire, or exposed to the other source of heat.	By <i>mixed</i> train, no restriction as to quantity but only carried when no goods trains are running. By <i>brake-van</i> of <i>mixed</i> or <i>passenger</i> train, subject to a limit of 450 lbs. per train. The drums or cases must be placed as far as possible from other packages in the brake-van.
	Carbide of calcium Calcium phosphide	Must be packed in hermetically closed metal drums or metal cases sufficiently strong to remain in that condition through ordinary wear and tear of transport, so that the contents cannot be affected by air or moisture. There must be no copper in the composition of any drum or case containing these chemicals. The label on each hermetically closed metal drum or metal case must bear in conspicuous characters, the words " <i>Dangerous if not kept dry</i> " and with the following caution:— " <i>The contents of this drum (or case) are liable if brought into contact with moisture, to give off a highly inflammable gas.</i> " The name and address of the sender should also be labelled on each drum or case.		No drum or case must contain a quantity excluding 224 lbs. These chemicals while in the possession of a railway for transport, must be stacked in the open under waterproof sheets and so placed as to prevent their getting wet. If any carbide of calcium becomes wetted while in possession of a railway for transport it shall be destroyed by immersion in deep water. If, however, deep water is not available, the wet carbide	No restriction as to quantity.



Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods	Supplementary packing, transport, loading and unloading regulations	Conditions under which and amount which may be carried
	General packing regulations			By goods train
1	2	3	4	By mixed or passenger train
III.—MISCELLANEOUS DANGEROUS ARTICLES— <i>contd.</i>		<p>of calcium shall be spread out in the open in an isolated position, all precautions being taken to prevent lights being brought near until the material has given off all its gas.</p> <p><i>NOTE.—The fact of outside of calcium having become wet will be indicated by the outward appearance of the drum or case and probably by a disagreeable odour showing a leakage of gas.</i></p> <p>Vehicles used for the carriage of these chemicals must be thoroughly ventilated and rendered impervious to rain.</p>		5

Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office, are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods.	Supplementary packing, transport, loading and unloading regulations	Conditions under which and amount which may be carried
	General packing regulations			
1	2	3	4	5
55	<p>III.—MISCELLANEOUS DANGEROUS ARTICLES—<i>contd.</i></p> <p>Bleaching powder (chloride of lime).*</p>	<p>Must be packed in hermetically closed metal-drums sufficiently strong to remain in that condition through ordinary wear and tear of transport, so that the contents cannot be affected by air or moisture.</p>	<p>While in the possession of a Railway for transport, the drums should be stored in a cool and dry place. At loading and unloading they should be exposed to the sun for the shortest time possible.</p> <p>No drum should be accepted for transport if it appears not to be air-tight. This is easily discernible.</p>	<p>No restriction as to quantity.</p> <p>By <i>mixed</i> train, no restriction as to quantity.</p> <p>By brake-van of <i>mixed</i> or <i>passenger</i> train, subject to a limit of 10 cwt.</p>
56	<p>Ammonia liquefied anhydrous.</p> <p>Or Ammonia gas compressed.</p> <p>Liquefied or compressed Chlorine.</p> <p>Liquefied or compressed Methyl Chloride.</p> <p>Compressed atmospheric air.</p>	<p>(a) These gases must be packed in cylinders.</p> <p>(b) Cylinders must be made of wrought iron or mild steel of the best quality and must comply in every other respect with the conditions set out in Appendix IV, and must not exceed 8 feet in length and 10 inches in diameter.</p> <p>(c) Cylinders* must be separately and securely packed in a strong wooden case or in a covering made of closely plaited</p>	<p>Cylinders must be carefully handled, and must not be placed near a fire, or exposed to other sources of heat.</p>	<p>No restriction as to quantity.</p> <p>Other commodities, including dangerous goods (not explosives or any of the substances mentioned against Serial Nos. 19, 21, 22, 25 and 26) may be loaded in the same vehicle with Bleaching powder (chloride of lime) provided they are well separated from it.</p> <p>By <i>mixed</i> train, no restriction as to quantity but only carried when no goods trains are running.</p> <p>"Ammonia, anhydrous liquefied," "Ammoniac gas compressed," "Compressed atmospheric air," "Compressed or liquefied carbonic acid gas (carbon</p>

\* Note.—The rules and conditions laid down in this Schedule do not apply to Bleaching powder (chloride of lime) packed in the original hermetically sealed galvanized iron drums as received from the actual manufacturers.

# SCHEDULE—contd.

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Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office, are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods	Supplementary packing, transport, loading and unloading regulations	By goods train	By mixed or passenger train	Conditions under which and amount which may be carried
1	2	3	4	5	6	
III—MISCELLANEOUS DANGEROUS ARTICLES—contd.	Compressed or liquefied carbonic acid gas (carbon dioxide). Compressed, coal gas. Nitrous oxide gas compressed or liquefied. Compressed or liquefied sulphurous acid gas (sulphur dioxide). Sulphuretted Hydrogen, compressed or liquefied.	General packing regulations				
Hydrogen gas compressed Oxygen gas compressed	1 inch (circumference) hemp or coir or in double jute gunnies except that— (i) Several small cylinders not exceeding 24 inches in length and 4 inches in diameter may be packed in one box, provided that each cylinder is contained in a separate compartment or is separately enclosed in closely plaited 1 inch (circumference) hemp or coir or in double jute gunnies. Each box must not contain more than 25 small cylinders and the gross weight of each box and contents must not exceed 3½ meunds. (ii) Small cylinders not exceeding 12 inches in length and 3 inches in diameter containing nitrous oxide may be packed in wicker-work baskets containing two such cylinders in separate compartments. *This regulation does not apply to cylinders containing Oxygen gas compressed. (d) Cylinders containing compressed atmospheric air, coal gas, hydrogen, or oxygen, must not be charged to a greater pressure than 1,800 lbs. per square inch. (e) No cylinder may contain per pound		may be loaded in the same vehicle with cylinders containing. "Ammonia anhydrous liquefied," "Ammonia gas compressed," "Compressed atmospheric air," "Compressed or liquefied carbonic acid gas," "Hydrogen gas compressed," "Liquefied or Compressed Methyl Chloride or Oxygen gas compressed," provided that not more than ten cylinders in all are loaded in the same vehicle and that they are well separated from the other commodities.	Cylinders containing Compressed Oxygen gas should not be carried in the same brake van of the same mixed or passenger train as cylinders containing Dissolved Acetylene gas.		

SCHEDULE—contd.

Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office, are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods	Supplementary packing, transport, loading and unloading regulations	Conditions under which and amount which may be carried	
		General packing regulations		By goods train	By mixed or passenger train
1	2	3	4	5	6
	III.—MISCELLANEOUS DANGEROUS ARTICLES.—contd.	<p>of water capacity, more than <math>\frac{1}{2}</math> lbs. of carbon dioxide (carbonic acid gas); <math>\frac{1}{2}</math> lb. of anhydrous ammonia; <math>\frac{1}{2}</math> lb. of nitrous oxide; or <math>1\frac{1}{2}</math> lbs. sulphur dioxide (sulphurous acid gas), respectively.</p> <p>(f) In the case of cylinders for anhydrous ammonia the greatest pressure of gas must be assumed as 1,000 lbs. per square inch and at that pressure the stress in the metal must not exceed 6 tons per square inch for wrought iron or 7 tons per square inch for steel.</p>			<p>A brake-van of a mixed or passenger train should not carry more than ten cylinders in all.</p>
57	Liquid air or liquid oxygen	<p>In the following railway regulations the term liquid air must not be defined too strictly, but may be taken to include liquid oxygen as well as liquid air:— The liquid air to be contained in:— (a) Double-walled glass vacuum vessels, each vessel to be packed and loosely plugged with animal (not cotton) wool. Each vacuum vessel either to be contained in a stout wooden box, the neck of the</p>		<p>Owing to the necessity for expeditious transit, there is no provision made in the railway regulations for the conveyance of liquid air by goods train.</p>	<p>By mixed or passenger train no restriction as to quantity.</p>

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Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office, are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods	Supplementary packing, transport, loading and unloading regulations	Conditions under which and amount which may be carried	By goods train	By mixed or passenger train
1	2	3	4		5	6
III—MISCELLANEOUS DANGEROUS ARTICLES—contd.	<p>vessel to project through the lid of the box, or supported in a wire frame padded with wool, and enclosed in a strong metal case with open grid at top, and provided with a convenient handle.</p> <p>The packages to be labelled:—          "Liquid Air.          To be carefully handled and kept cool."</p> <p>or</p> <p>(b) Double-walled vacuum vessels of steel, copper, or copper alloys; the vessels not to exceed 65 lbs. in capacity, nor to be more than four-fifths full. Each vessel to be contained in a stout cylindrical wicker basket with vertical sides and conical top; not more than 3 inches of the neck of the vessel to project through the conical top of the basket; and to be enclosed in a wicker or metal cage standing not less than 1 inch clear of the open end; the vessel to be packed in the basket with slag wool; each basket to be labelled on the conical top part in 1 inch letters:—          "Liquid Air.          Caution. (Red letters).          Keep upright.          Keep cool.          Handle with care."</p>	General packing regulations				

Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office, are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods	Supplementary packing, transport, loading and unloading regulations	Conditions under which and amount which may be carried	
1	2	3	4	5	6
III.—MISCELLANEOUS DANGEROUS ARTICLES—contd.		General packing regulations			
58	Ferro-silicon 30 per cent and under; 65 per cent and over. Ferro-silicon between 30 per cent and 65 per cent.	In casks, cases, or bags.  In casks or cases, perforated with one inch holes.	(1) Must not be conveyed in closed trucks or box wagons. (2) The grade of ferro-silicon must be stated on the consignment note. (3) Ferro-silicon between 30 per cent and 65 per cent must not be accepted in casks or cases, unless the casks or cases are perforated with not less than 4 one-inch holes, and Ferro-silicon (all grades) must not be accepted in iron drums.	No restriction as to quantity.	By mixed train, no restriction as to quantity but only carried when no goods trains are running.
59	Meta fuel (solid aldehydic fuel in block form).	The cardboard packets containing meta fuel must be packed in metal lined strong cases made of wood not less than $\frac{1}{4}$ inch thick, the metal lining should be hermetically sealed.	The word Meta fuel must be distinctly marked on each package by the sender.	No restriction as to quantity.	Not carried by passenger train.
60	Spent Oxide of Iron, from Gas Purifiers.	No general regulations, but a written declaration must be obtained from the senders that the Spent Oxide of Iron has been thoroughly oxidised by exposure to the air before being tendered for conveyance.			

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	General packing regulations		By goods train	By mixed or passenger train
1	2	3	5	6
61	Zinc dust or tatty powder	In air-tight and damp-proof casks or cases.	No restriction as to quantity.	By mixed train no restriction as to quantity but only carried when no goods trains are running. Not carried by passenger train.
62	Matches, safety  Matches, non-safety NOTE.—Matches which ignite by simple friction	(1) Must be packed in strong dust-tight wooden cases which in the case of matches, non-safety, must have a metal lining. (2) The outer wooden cases used for the carriage of matches shall be of the following thickness of wood; if gross weight of case with contents does not	No restriction as to quantity.	By mixed train no restriction as to quantity but only carried when no goods trains are running. Not carried by passenger train.  In the case of matches, safety, other commodities including dangerous goods (not explosives) may be loaded in the same vehicle, provided that they are well separated from them. Sample parcels of matches, safety, may be carried by mixed or passenger train under the following contributions:— (1) A sample to consist of one packet, i.e., 12 boxes.

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Sl. No.	Description of dangerous goods	The Indian Ordnance and Medical Departments, and the Stores Department of the India Office, are exempt from the rules in this column, provided that a written declaration of the contents of the package is given by a duly authorised officer, and that it is certified on the consignment note that the goods have been packed in accordance with the departmental regulations relating to the packing of such goods	Supplementary packing, transport, loading and unloading regulations	Conditions under which and amount which may be carried
1	2	General packing regulations	4	By goods train By mixed or passenger train
	<p>and Bengal lights, which, while not ordinarily igniting by simple friction, are capable of doing so under chemical decomposition and are liable to spontaneous combustion should be considered as coming within the class "Matches non-safety." Matches which require to be rubbed on the prepared surface of the box which contains them to be ignited and provided the consignor furnishes a signal certificate that the matches are packed in well made match boxes should be considered as coming within the class "Matches, safety."</p>	<p>3</p> <p>exceed 5 maunds in weight, <math>\frac{1}{4}</math> inch thick throughout; if gross weight of case with contents exceeds 5 maunds, <math>\frac{1}{4}</math> inch thick throughout.</p> <p>(3) Matches safety may, however, be carried in the tins in which they are imported, provided that such tins are strong enough as outer packages, that they do not exceed a limit in size of 2'X1'X1', weighing approximately 12½ seers and do not contain more than 120 packets of "Matches, safety."</p>		<p>5</p> <p>6</p> <p>SS2</p> <p>(2) It shall be packed in a strong wooden box containing an inner case of zinc or tin which shall be hermetically sealed. The thickness of the wood of the outer case shall not be less than <math>\frac{1}{4}</math> inch.</p> <p>(3) Not more than 50 sample parcels shall be carried in a brake-van at any one time. They shall be placed by themselves and as far away as possible from other goods in the van.</p>

# SCHEDULE—*concl.*

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1	2	3	4	5	6	
63	<p>III.—MISCELLANEOUS DANGEROUS ARTICLES—<i>concl.</i></p> <p>Oily Bagging ..  " Canvas ..  " Covers ..  " Paper ..  " Rags ..  " Waste, N.C.O.</p>	<p>Only carried if packed in metal drums. May also be carried in bags in covered iron vehicles under full wagon load.</p>		No restriction as to quantity.	By mixed train, no restriction as to quantity but only carried when no goods trains are running.	<p>SS8</p> <p>121</p>
64	<p>Carbon Black  Lamp Black ..  Vegetable Black</p>	<p>Air-tight and damp proof casks or cases. Bags in covered iron vehicles under full wagon load.</p>			Not carried by passenger train.	